

L1 FILE 'REGISTRY' ENTERED AT 16:49:53 ON 12 MAY 2004  
1 S BRIJ 78

FILE 'REGISTRY' ENTERED AT 16:52:39 ON 12 MAY 2004

FILE 'REGISTRY' ENTERED AT 16:53:41 ON 12 MAY 2004  
L2 0 S STEARETH-10/CN  
L3 2 S STEARETH-10  
L4 0 S ASCROB? 2 GLYCOSIDE  
L5 0 S ASCORB? 2 GLYCOSIDE  
L6 3 S ASCORBIC ACID 2 GLUCOSIDE  
L7 0 S PEMULEN/CN  
L8 8 S PEMULEN  
L9 4 S POLYETHYLENE GLYCOL STEARATE

FILE 'USPATFULL, CAPLUS, KOSMET' ENTERED AT 16:56:45 ON 12 MAY 2004  
L10 14960 S L1 OR BRIJ OR L3 OR (STEARETH 10) OR L9 OR (POLYOXYETHYLENE  
A  
L11 108393 S L1 OR BRIJ OR L3 OR (STEARETH 10) OR L9 OR POLYOXYETHYLENE#  
L12 108393 S L11 OR L10  
L13 26467 S (PERM? (10W) ENHANC?) OR (PENET? (10W) ENHAN?)  
L14 52 S L12 (10W) L13  
L15 132610 S L6 OR LACTOSE  
L16 88509 S L8 OR PEMULEN OR (ACRYLATE (5W) ACRYL####) OR (CARBOXYVINYL)  
L17 6 S L16 AND L14  
L18 1 S L14 AND RETIN?  
L19 51 DUPLICATE REMOVE L14 (1 DUPLICATE REMOVED)  
L20 26 S L14 AND (TOPIC#### OR COSMETIC)

FILE 'REGISTRY' ENTERED AT 11:05:08 ON 12 MAY 2004

L1 1 S LACTOSE/CN  
L2 2 S MELIBIOSE/CN  
L3 0 S PEMULEN/CN  
L4 8 S PEMULEN  
L5 2 S STEARETH-10  
L6 1 S BRIJ 76  
L7 2 S POLYETHYLENE GLYCOL STEARATE/CN

FILE 'USPATFULL, CAPLUS, KOSMET' ENTERED AT 11:06:20 ON 12 MAY 2004

L8 135955 S L1 OR L2 OR MELIBIOSE OR LACTOSE  
L9 68618 S L4 OR PEMULEN OR (ACRYLATE (5W) ACRYLATE)  
L10 213960 S (POLYOXYETHYLENE ALCOHOL) OR L5 OR L6 OR L7 OR (CETYL  
ALCOHOL  
L11 4 S L8 (5A) L9  
L12 721 S L8 (5A) L10  
L13 3 S L11 AND L12  
L14 664 S L8 AND L9 AND L10  
L15 664 DUPLICATE REMOVE L14 (0 DUPLICATES REMOVED)  
L16 141 S L15 AND RETIN?

FILE 'REGISTRY' ENTERED AT 11:19:29 ON 12 MAY 2004

L17 0 S ASCORBIC ACID 2 GLUCOSIDE/CN  
L18 3 S ASCORBIC ACID 2 GLUCOSIDE

FILE 'USPATFULL, CAPLUS, KOSMET' ENTERED AT 11:20:06 ON 12 MAY 2004

L19 268 S L18  
L20 0 S L15 AND L19

L27 ANSWER 1 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:24329 USPATFULL  
TITLE: Mask composition containing emulsified liquid composition  
INVENTOR(S): Chen, Minghua, Higashinada-ku, JAPAN  
Miyamoto, Miwa, Higashinada-ku, JAPAN  
Chen, Yin-Jang, Suma-ku, JAPAN  
Trigg, David Leigh, Takarazuka, JAPAN  
Fu, Zi-Hua, Higashinada-ku, JAPAN  
PATENT ASSIGNEE(S): The Procter & Gamble Company (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004018166	A1	20040129
APPLICATION INFO.:	US 2003-622518	A1	20030718 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-397374P	20020719 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	876	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 50-81-7D, Ascorbic acid, derivs. 50-99-7D, D-Glucose, c16-18 glucose derivs. 57-50-1D, Sucrose, polycottonseedate derivs. 58-95-7, Tocopherol Acetate 81-13-0, Panthenol 98-92-0, Niacinamide 98-92-0D, Vitamin B3, derivs. 112-92-5, Stearyl alcohol 9003-05-8, Polyacrylamide **9004-99-3**, PEG stearate **9005-00-9**, Steareth-21 9005-64-5, Polysorbate 20 11138-66-2, Xanthan gum 36653-82-4, Cetyl alcohol 43119-47-7, Tocopherol Nicotinate 68171-33-5, Isopropyl isostearate 128808-26-4, Sodium Ascorbyl phosphate **129499-78-1** **145687-02-1**, Pemulen TR-2 148093-12-3, Sepigel 305  
(mask compn. contg. emulsified liq. compn.)

L27 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2003:237297 USPATFULL  
TITLE: Hair conditioning composition comprising a frizz control agent  
INVENTOR(S): Snyder, Michael Albert, Mason, OH, UNITED STATES  
Someya, Kazuyoshi, Nada-ku, JAPAN  
PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003165454	A1	20030904
APPLICATION INFO.:	US 2002-303505	A1	20021125 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2000-US14870, filed on 30 May 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		

LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY  
DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110  
CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 17

EXEMPLARY CLAIM: 1

LINE COUNT: 2498

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . agarpectin, prophyran, carrageenen, fucoidan,  
glycosaminoglycan, hyaluronic acid, chondroitin, peptidoglycan,  
lipopolysaccharide, guar gum, starch, and starch derivatives;  
oligosaccharides such as sucrose, **lactose**, maltose, uronic  
acid, muramic acid, cellobiose, isomaltose, planteose, melezitose,  
gentianose, maltotriose, stachyose, glucoside and polyglucoside;  
monosaccharides such as glucose, fructose, . . .

SUMM . . . Confetti Dermal Essentials available from United-Guardian Inc.  
(NY, USA). Unisphere and Unicerin particles are made of

microcrystalline

cellulose, hydroxypropyl cellulose, **lactose**, vitamins,  
pigments, and proteins. Upon use, the Unisphere and Unicerin particles  
can be disintegrated with very little shear on the. . .

SUMM . . . cetyl palmitate, stearyl stearate, myristyl myristate,  
polyoxyethylene cetyl ether stearate, polyoxyethylene stearyl ether  
stearate, polyoxyethylene lauryl ether stearate, ethyleneglycol  
monostearate, **polyoxyethylene monostearate**,  
polyoxyethylene distearate, propyleneglycol monostearate,  
propyleneglycol distearate, trimethylolpropane distearate, sorbitan  
stearate, polyglyceryl stearate, glyceryl monostearate, glyceryl  
distearate, glyceryl tristearate, and mixtures. . .

IT 107-64-2, Varisoft tal00 115-77-5D, Pentaerythritol, esters  
25136-75-8, Polyquaternium 39 25322-68-3, Carbowax 200 25322-69-4,  
Polypropylene glycol 51852-65-4, Tagat s 62125-22-8, Kakpti  
68958-64-5, Tagat to **138789-85-2**, (Pemulen TR-1) 158050-37-4,  
Dow Corning Q 2-1401 197969-51-0, Polyquaternium 47 205537-77-5, Dow  
corning 1403

(hair conditioning compn. comprising frizz control agent)

L27 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:60652 USPATFULL

TITLE: Leave-in hair cosmetic compositions for enhancing  
volume

INVENTOR(S): Midha, Sanjeev, Mason, OH, UNITED STATES  
Thomson, Shari Renee, Cincinnati, OH, UNITED STATES  
Snyder, Michael Albert, Kobe, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002034486	A1	20020321
APPLICATION INFO.:	US 2001-822704	A1	20010330 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US8760, filed on 31 Mar 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-231152P	20000908 (60)
	US 2001-261384P	20010112 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: DINSMORE & SHOHL, LLP, 1900 CHEMED CENTER, 255 EAST

FIFTH STREET, CINCINNATI, OH, 45202

NUMBER OF CLAIMS: 34  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2693

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . cetyl palmitate, stearyl stearate, myristyl myristate, polyoxyethylene cetyl ether stearate, polyoxyethylene stearyl ether stearate, polyoxyethylene lauryl ether stearate, ethyleneglycol monostearate, **polyoxyethylene monostearate**, polyoxyethylene distearate, propyleneglycol monostearate, propyleneglycol distearate, trimethylolpropane distearate, sorbitan stearate, polyglyceryl stearate, glyceryl monostearate, glyceryl distearate, glyceryl tristearate, and mixtures. . .

SUMM . . . agarpectin, prophyran, carrageenen, fiucoidan, glycosaminoglycan, hyaluronic acid, chondroitin, peptidoglycan, lipopolysaccharide, guar gum, starch, and starch derivatives; oligosaccharides such as sucrose, **lactose**, maltose, uronic acid, muramic acid, cellobiose, isomaltose, planteose, melezitose, gentianose, maltotriose, stachyose, glucoside and polyglucoside; monosaccharides such as glucose, fructose, . . .

SUMM . . . Confetti Dermal Essentials available from United-Guardian Inc. (N.Y., USA). Unisphere.TM. and Unicerin.TM. particles are made of microcrystalline cellulose, hydroxypropyl cellulose, **lactose**, vitamins, pigments, and proteins. Upon use, the Unisphere.TM. and Unicerin.TM. particles can be disintegrated with very little shear on the. . .

IT 25086-89-9, Luviskol 73W 26124-25-4, Luviskol VAP343E 26161-33-1, Polyquaternium 37 80455-45-4 84992-23-4, Expancel **138789-85-2**, Pemulen TR-1 **145687-02-1**, Pemulen TR-2 179606-61-2, Bentone MA 227605-22-3, Laponite XLS 257611-26-0, Unispheres YE-501 365459-45-6, Unispheres AGE-52  
(leave-in hair cosmetic compns. for enhancing vol.)

L27 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:21810 USPATFULL

TITLE: Leave-in hair cosmetic compositions for enhancing volume containing fluid-encapsulated, flexible microspheres

INVENTOR(S): Midha, Sanjeev, Mason, OH, UNITED STATES  
Thomson, Shari Renee, Cincinnati, OH, UNITED STATES  
Stella, Qing, Cincinnati, OH, UNITED STATES  
Snyder, Michael Albert, Higashinada, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002012645	A1	20020131
APPLICATION INFO.:	US 2001-821942	A1	20010330 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US8760, filed on 31 Mar 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-231154P	20000908 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DINSMORE & SHOHL, LLP, 1900 CHEMED CENTER, 255 EAST FIFTH STREET, CINCINNATI, OH, 45202	
NUMBER OF CLAIMS:	23	

EXEMPLARY CLAIM: 1  
LINE COUNT: 2496

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . cetyl palmitate, stearyl stearate, myristyl myristate, polyoxyethylene cetyl ether stearate, polyoxyethylene stearyl ether stearate, polyoxyethylene lauryl ether stearate, ethyleneglycol monostearate, **polyoxyethylene monostearate**, polyoxyethylene distearate, propyleneglycol monostearate, propyleneglycol distearate, trimethylolpropane distearate, sorbitan stearate, polyglyceryl stearate, glyceryl monostearate, glyceryl distearate, glyceryl tristearate, and mixtures. . .

SUMM . . . agarpectin, prophyran, carrageenen, fucoidan, glycosaminoglycan, hyaluronic acid, chondroitin, peptidoglycan, lipopolysaccharide, guar gum, starch, and starch derivatives; oligosaccharides such as sucrose, **lactose**, maltose, uronic acid, muramic acid, cellobiose, isomaltose, planteose, melezitose, gentianose, maltotriose, stachyose, glucoside and polyglucoside; monosaccharides such as glucose, fructose,. . .

SUMM . . . Confetti Dermal Essentials available from United-Guardian Inc. (NY, USA). Unisphere.TM. and Unicerin.TM. particles are made of microcrystalline cellulose, hydroxypropyl cellulose, **lactose**, vitamins, pigments, and proteins. Upon use, the Unisphere.TM. and Unicerin.TM. particles can be disintegrated with very little shear on the. . .

IT 541-02-6, DC345 13598-36-2D, Phosphonic acid, esters, polymers 25086-89-9, Luviskol 73W 25136-75-8, Merquat plus 3330 26124-25-4, Luviskol VAP343E 26161-33-1 30396-85-1, Expancel 091DE80 75760-37-1, Acrysol 22 138757-68-3, Carbopol 981 **138789-85-2**, Pemulen TR-1 145269-71-2, Natrosol plus CS **145687-02-1**, Pemulen TR-2 195739-91-4, Carbopol ultrez 10 197969-51-0, Merquat 2001 205537-77-5, DC-1403 222171-02-0, Structure plus 473664-54-9, Salcare SC 96  
(leave-in hair cosmetic compns. for enhancing vol. contg. fluid-encapsulated, flexible microspheres, water-sol. or water-swellaable polymers, and aq. carriers)

L27 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:80470 CAPLUS

DOCUMENT NUMBER: 140:133411

TITLE: Mask composition containing emulsified liquid composition

INVENTOR(S): Chen, Minghua; Miyamoto, Miwa; Chen, Yin-jang; Trigg, David Leigh; Fu, Zi-hua

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004009042	A1	20040129	WO 2003-US20666	20030701
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,			

L16 ANSWER 140 OF 141 USPATFULL on STN  
 ACCESSION NUMBER: 96:60453 USPATFULL  
 TITLE: Thickened nonabrasive personal cleansing compositions  
 INVENTOR(S): Fowler, Timothy J., Cincinnati, OH, United States  
 McManus, Richard L., West Chester, OH, United States  
 Deckner, George E., Cincinnati, OH, United States  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5534265		19960709
APPLICATION INFO.:	US 1994-296566		19940826 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Spear, James M.		
LEGAL REPRESENTATIVE:	Sabatelli, Anthony D., Lewis, Leonard W., Rasser, Jacobus C.		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1491		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . of sucrose or pentaerytritol. These copolymers are known as acrylates/C10-30 alkyl acrylate crosspolymers and are commercially available as Carbopol.RTM. 1342, **Pemulen** TR-1, and **Pemulen** TR-2, from B. F. Goodrich. In other words, examples of carboxylic acid polymer thickeners useful herein are those selected from. . .

SUMM . . . among the alkyl hydroxyalkyl cellulose ethers is the material given the CTFA designation cetyl hydroxyethylcellulose, which is the ether of **cetyl alcohol** and hydroxyethylcellulose. This material is sold under the tradename Natrosol.RTM. CS Plus from Aqualon Corporation.

SUMM . . . a C8-30 alkyl group. Examples of long chain alcohols from which the alkyl group can be derived include decyl alcohol, **cetyl alcohol**, stearyl alcohol, lauryl alcohol, myristyl alcohol, oleyl alcohol, and the like. Preferred examples of these surfactants include those wherein S. . .

SUMM . . . (preferably ethoxylated or propoxylated) thereof. Z preferably is a sugar moiety selected from the group consisting of glucose, fructose, maltose, **lactose**, galactose, mannose, xylose, and mixtures thereof. An especially preferred surfactant corresponding to the above structure is coconut alkyl N-methyl glucoside. . .

SUMM . . . the alkyl groups can also contain ether linkages, or hydroxy or amino group substituents (e.g., the alkyl groups can contain **polyethylene glycol** and polypropylene glycol moieties).

SUMM . . . having from about 10 to about 30 carbon atoms, nonlimiting examples of which include stearyl alcohol, isostearyl alcohol, behenyl alcohol, **cetyl alcohol**, isocetyl alcohol, and mixtures thereof. Examples of other suitable materials are disclosed in U.S. Pat. No. 4,919,934, to Deckner et. . .

SUMM . . . distearte, sorbitan dilaurate, sorbitan stearate, sorbitan laurate, sucrose laurate, sucrose dilaurate, sodium isostearyl

lactylate, lauryl pidolate, sorbitan stearate, stearyl acohol, **cetyl alcohol**, behenyl alcohol, PPG-14 butyl ether, PPG-15 stearyl ether, and mixtures thereof.

SUMM . . . useful herein that are well known to one of ordinary skill in the art include emulsifiers, solubilizing agents, sequestrants, keratolytics, **retinoids**, and the like.

SUMM . . . Ingredient Handbook, as well as other materials useful herein, include the following: vitamins and derivatives thereof (e.g. tocopherol, tocopherol acetate, **retinoic acid**, **retinol**, **retinoids**, and the like); sunscreensing agents; anti-oxidants; anti-microbial agents; preservatives; emulsifiers; polyethyleneglycols and polypropyleneglyocls; polymers for aiding the film-forming properties and. . .

SUMM . . . salicylic acid, glycolic acid, lactic acid, aloe vera, panthenol, pantothenic acid, clove oil, menthol, camphor, eucalyptus oil, eugenol, menthyl lactate, **retinol**, **retinoic acid**, azelaic acid, witch hazel distillate, allantoin, bisabolol, and mixtures thereof.

DETD

Ingredients	Weight Percent
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Water	QS 100
Glycerin	3.00
Polyethylene Particles.sup.1	4.00
Glucose Amides	2.56
Sorbitan Stearate	2.00
<b>Cetyl Alcohol</b>	0.50
Fragrance	0.50
Phenoxyethanol	0.40
Polyquaternium-10	0.20
Potassium Hydroxide	0.20
Acrylates/C10-30 Alkyl Acrylate Cross	0.20
Polymer	
Methylparaben	0.10
Stearic Acid	0.10
Propylparaben	0.10
Tetrasodium EDTA	0.10

.sup.1 Oxidized Polyethylene Particles. . .

DETD . . . are mixed and heated to 75.degree.-80.degree. C. with stirring.

In a separate vessel the sorbitan stearate, stearic acid, propylparaben, and **cetyl alcohol** are heated to 75.degree.-80.degree. C. with stirring to form an oil phase. This oil phase is then

emulsified into the. . .	
DETD . . . Betaine	2.00
Sodium Alkyl Sulfate	1.00
PPG-14 Butyl Ether	3.25
Glycerin	3.00
Stearyl Alcohol	2.88
Polyethylene Particles.sup.1	2.00
Polyethylene Particles.sup.2	2.00

Salicylic Acid	2.00
Distearyl Dimethyl Ammonium Chloride	1.50
<b>Cetyl Alcohol</b>	0.80
Urea	0.50
Steareth-21	0.50
Behenyl Alcohol	0.32
PPG-30	0.25
Steareth-2	0.25
Fragrance	0.15
Polysaccharide Gum	0.15
Disodium EDTA	0.01

.sup.1 Oxidized Polyethylene Particles having a mean particle. . .

DETD . . . and the salicylic acid are heated to 75.degree.-80.degree. C. with stirring to form an oil phase. Next the stearyl alcohol, **cetyl alcohol**, and the behenyl alcohol are added to this oil phase while continuing to heat with stirring. Next the distearyl dimethyl. . .

CLM What is claimed is:

. . . distearate, sorbitan dilaurate, sorbitan stearate, sorbitan laurate, sucrose laurate, sucrose dilaurate, sodium isostearyl lactylate, lauryl pidolate, sorbitan stearate, stearyl alcohol, **cetyl alcohol**, behenyl alcohol, PPG-14 butyl ether, PPG-15 stearyl ether, and mixtures thereof.

. . . salicylic acid, lactic acid, glycolic acid, aloe vera panthenol, pantothenic acid, clove oil, menthol, camphor, eucalyptus oil, eugenol, menthyl lactate, **retinol**, **retinoic** acid, azelaic acid, witch hazel distillate, allantoin, bisabolol, and mixtures thereof.

IT 50-21-5, Lactic acid, biological studies 50-99-7D, Glucose, amide derivs. 56-81-5, 1,2,3-Propanetriol, biological studies 57-13-6, Urea, biological studies 57-88-5, Cholesterol, biological studies 68-26-8, Retinol 69-72-7, biological studies 76-22-2, Camphor 79-14-1, biological studies 79-83-4, Pantothenic acid 81-13-0, Panthenol 89-78-1, Menthol 97-53-0, Eugenol 97-59-6, Allantoin 107-64-2, Distearyldimethylammonium chloride 110-27-0, Isopropyl myristate 112-92-5, Stearyl alcohol 123-99-9, Azelaic acid, biological studies 151-21-3, Sodium lauryl sulfate, biological studies 302-79-4, Retinoic acid 515-69-5, Bisabolol 661-19-8, Behenyl alcohol

693-33-4 1337-30-0, Sorbitan laurate 1562-00-1D, Sodium isethionate, coco acyl derivs. 1812-53-9, Dipalmityldimethylammonium chloride 2235-54-3, Ammonium lauryl sulfate 3234-85-3, Myristyl myristate 3401-74-9, Dilauryldimethylammonium chloride 6938-94-9, Diisopropyl adipate 7631-98-3, Sodium lauryl sarcosinate 7664-93-9D, Sulfuric acid, C16-C18 alkyl esters, sodium salts 9002-84-0, Teflon

9002-88-4,

Polyethylene 9002-88-4D, Polyethylene, oxidized 9003-05-8, Polyacrylamide 9003-07-0, Polypropylene 9003-07-0D, Polypropylene, oxidized 9003-13-8 9003-27-4, Polyisobutylene 9003-29-6, Polybutylene 9003-39-8, Pvp 9003-53-6, Polystyrene 9004-34-6, Cellulose, biological studies 9004-82-4, Sodium laureth sulfate 9004-95-9, Ceteth 10 **9005-00-9**, Steareth 21 9006-65-9, Dimethicone 9016-00-6, Poly[oxy(dimethylsilylene)] 9017-21-4, Polymethylstyrene 10108-91-5 10401-55-5, Cetyl ricinoleate

11099-07-3, Glyceryl stearate 17162-29-7 22794-26-9 25231-21-4,  
Polypropylene glycol stearyl ether 25322-68-3 25322-69-4  
25791-96-2  
25915-57-5, Sucrose dilaurate 27100-68-1, Maleic anhydride-vinyl ether  
copolymer 28905-44-4, Sorbitan dilaurate 36521-89-8, Sorbitan  
distearate 36574-66-0D, N-coco acyl derivs. 36653-82-4, Cetyl  
alcohol  
37266-93-6, Sucrose laurate 56451-84-4, Sorbitan stearate 66988-04-3  
(thickened nonabrasive personal cleansing compns.)

L16 ANSWER 139 OF 141 USPATFULL on STN  
 ACCESSION NUMBER: 96:116115 USPATFULL  
 TITLE: Cleansing emulsions  
 INVENTOR(S): Ha, Robert B. K., Milford, OH, United States  
 Fowler, Timothy J., Cincinnati, OH, United States  
 Deckner, George E., Cincinnati, OH, United States  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5585104		19961217
APPLICATION INFO.:	US 1995-420390		19950412 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Marquis, Melvyn I.		
ASSISTANT EXAMINER:	Harrison, Robert H.		
LEGAL REPRESENTATIVE:	Sabatelli, Anthony D., Dabbieri, David K.		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1587		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . of sucrose or pentaerytritol. These copolymers are known as acrylates/C10-30 alkyl acrylate crosspolymers and are commercially available as Carbopol.RTM. 1342, **Pemulen** TR-1, and **Pemulen** TR-2, from B. F. Goodrich.

SUMM . . . carbon atoms. The oxyalkylene and carbonyloxyalkylene groups are particularly oxyethylene and carboxyloxyethylene groups. Representative higher alkyl acrylic esters are decyl **acrylate**, lauryl **acrylate**, stearyl **acrylate**, behenyl **acrylate** and meliesyl **acrylate**, and the corresponding methacrylates.

SUMM . . . a C8-30 alkyl group. Examples of long chain alcohols from which

the alkyl group can be derived include decyl alcohol, **cetyl alcohol**, stearyl alcohol, lauryl alcohol, myristyl alcohol, oleyl alcohol, and the like. Preferred examples of these surfactants include those wherein S. . .

SUMM . . . (preferably ethoxylated or propoxylated) thereof. Z preferably is a sugar moiety selected from the group consisting of glucose, fructose, maltose, **lactose**, galactose, mannose, xylose, and mixtures thereof. An especially preferred surfactant corresponding to the above structure is coconut alkyl N-methyl glucoside. . .

SUMM . . . the alkyl groups can also contain ether linkages, or hydroxy or amino group substituents (e.g., the alkyl groups can contain **polyethylene glycol** and polypropylene glycol moieties).

SUMM . . . as well as other materials useful herein, include the following: vitamins and derivatives thereof [e.g., vitamin C, Vitamin A (i.e. **retinoic acid**), **retinol**, **retinoids**, and the like]; suncreening agents; other silicone materials such as dimethiconol, dimethicone copolyol, and amodimethicone, and the like); anti-oxidants; anti-microbial. . .

DETD

Ingredients	Weight Percent
-------------	----------------

Phase A	
Water	QS 100
Disodium EDTA	0.100
Glycerin	4.00
Methylparaben	0.200
Acrylates/C10-30 alkyl acrylate Crosspolymer.sup.1	0.150
Carbomer 954.sup.2	0.250
Phase B	
Stearic Acid	0.110
Stearyl Alcohol	0.875
<b>Cetyl Alcohol</b>	0.875
Propylparaben	0.150
Phase C	
Sodium Hydroxide.sup.3	0.130
Phase D	
Diisopropyl sebacate	1.50
Isohexadecane	5.00
Phase E	
Phenoxyethanol	0.50
Fragrance	0.150
Phase F	
Glucose Amide	0.96

.sup.1 Available as **Pemulen** .RTM. TR1 from B. F. Goodrich Corporation.

.sup.2 Available as Carbomer .RTM. 954 from B. F. Goodrich Corporation.

.sup.3 50% . . .

DETD

Ingredients	Weight Percent
Phase A	
Water	QS 100
Disodium EDTA	0.100
Glycerin	4.00
Methylparaben	0.200
Acrylates/C10-30 alkyl acrylate Crosspolymer.sup.1	0.150
Carbomer 954.sup.2	0.250
Phase B	
Stearic Acid	0.110
Stearyl Alcohol	0.875
<b>Cetyl Alcohol</b>	0.875
Propylparaben	0.150
Steareth-2	0.25
Steareth-21	0.50
Phase C	
Sodium Hydroxide.sup.3	0.130
Phase D	
Diisopropyl sebacate	1.50
Isohexadecane	2.00
Mineral Oil.sup.4	5.00
Phase E	
Phenoxyethanol	0.50
Fragrance	0.150
Phase F	
Glucose Amide	0.96

.sup.1 Available as **Pemulen** .RTM. TR1 from B. F. Goodrich Corporation.

.sup.2 Available as Carbomer .RTM. 954 from B. F. Goodrich Corporation.

.sup.3 50%. . .

DETD

Ingredients	Weight Percent
Phase A	
Water	QS 100
Disodium EDTA	0.100
Glycerin	4.00
Methylparaben	0.200
Acrylates/C10-30 alkyl acrylate Crosspolymer.sup.1	0.150
Carbomer 954.sup.2	0.250
Phase B	
Stearic Acid	0.110
Stearyl Alcohol	0.875
<b>Cetyl Alcohol</b>	0.875
Propylparaben	0.150
Steareth-2	0.25
Steareth-21	0.50
Phase C	
Sodium Hydroxide.sup.3	0.130
Phase D	
Diisopropyl sebacate	1.50
Isohexadecane	5.00
Phase E	
Phenoxyethanol	0.50
Fragrance	0.150
Phase F	
Glucose Amide	0.96

.sup.1 Available as **Pemulen** .RTM. TR1 from B. F. Goodrich Corporation.

.sup.2 Available as Carbomer .RTM. 954 from B. F. Goodrich Corporation.

.sup.3 50%. . .

DETD

Ingredients	Weight Percent
Phase A	
Water	QS 100
Disodium EDTA	0.100
Glycerin	4.00
Methylparaben	0.200
Acrylates/C10-30 alkyl acrylate Crosspolymer.sup.1	0.150
Carbomer 954.sup.2	0.250
Phase B	
Stearic Acid	0.110
Stearyl Alcohol	0.875
<b>Cetyl Alcohol</b>	0.875
Propylparaben	0.150
Steareth-2	0.10
Steareth-21	0.10
Phase C	
Sodium Hydroxide.sup.3	0.130
Phase D	

Diisopropyl sebacate	1.50
Isohexadecane	5.00
Phase E	
Phenoxyethanol	0.50
Fragrance	0.150
Phase F	
Glucose Amide	0.96

.sup.1 Available as **Pemulen** .RTM. TR1 from B. F. Goodrich Corporation.

.sup.2 Available as Carbomer .RTM. 954 from B. F. Goodrich Corporation.

.sup.3 50%. . .

DETD

Ingredients	Weight Percent
-------------	----------------

Phase A

Water	QS 100
Disodium EDTA	0.100
Glycerin	4.00
Methylparaben	0.200
Acrylates/C10-30 alkyl acrylate Crosspolymer.sup.1	0.150
Carbomer 954.sup.2	0.250

Phase B

Stearic Acid	0.110
Stearyl Alcohol	0.875
<b>Cetyl Alcohol</b>	0.875

L16 ANSWER 133 OF 141 USPATFULL on STN  
 ACCESSION NUMBER: 1998:61144 USPATFULL  
 TITLE: Photoprotective compositions  
 INVENTOR(S): Tanner, Paul Robert, Maineville, OH, United States  
 Wagner, Julie Ann, Cincinnati, OH, United States  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5759524		19980602
APPLICATION INFO.:	US 1996-599202		19960209 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kulkosky, Peter F.		
LEGAL REPRESENTATIVE:	Henderson, Loretta J., Dabbieri, David K.		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1147		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM The preferred structuring agents of the present invention are selected from the group consisting of stearyl alcohol, **cetyl alcohol**, behenyl alcohol, stearic acid, palmitic acid, the **polyethylene glycol** ether of stearyl alcohol having an average of about 1 to about 5 ethylene oxide units, the **polyethylene glycol** ether of **cetyl alcohol** having an average of about 1 to about 5 ethylene oxide units, and mixtures thereof. More preferred structuring agents of the present invention are selected from the group consisting of stearyl alcohol, **cetyl alcohol**, behenyl alcohol, the **polyethylene glycol** ether of stearyl alcohol having an average of about 2 ethylene oxide units (steareth-2), the **polyethylene glycol** ether of **cetyl alcohol** having an average of about 2 ethylene oxide units, and mixtures thereof. Even more preferred structuring agents are selected from the group consisting of stearyl alcohol, **cetyl alcohol**, behenyl alcohol, steareth-2, and mixtures thereof.

SUMM . . . a C8-30 alkyl group. Examples of long chain alcohols from which

the alkyl group can be derived include decyl alcohol, **cetyl alcohol**, stearyl alcohol, lauryl alcohol, myristyl alcohol, oleyl alcohol, and the like. Preferred examples of these surfactants include those wherein S. . .

SUMM . . . (preferably ethoxylated or propoxylated) thereof. Z preferably is a sugar moiety selected from the group consisting of glucose, fructose, maltose, **lactose**, galactose, mannose, xylose, and mixtures thereof. An especially preferred surfactant corresponding to the above structure is coconut alkyl N-methyl glucoside. . .

SUMM . . . R.sub.4 can also contain ester and/or ether linkages, or hydroxy or amino group substituents (e.g., the alkyl groups can contain **polyethylene glycol** and polypropylene glycol moieties).

SUMM . . . of sucrose or pentaerytritol. These copolymers are known as acrylates/C10-30 alkyl acrylate crosspolymers and are commercially available as Carbopol.RTM. 1342, **Pemulen** TR-1, and **Pemulen** TR-2, from B. F. Goodrich. In other words, examples of carboxylic acid polymer thickeners useful herein are those selected

from. . .  
SUMM . . . among the alkyl hydroxyalkyl cellulose ethers is the material given the CTFA designation cetyl hydroxyethylcellulose, which is the ether of **cetyl alcohol** and hydroxyethylcellulose. This material is sold under the tradename Natrosol.RTM. CS Plus from Aqualon Corporation.  
SUMM . . . Ingredient Handbook, as well as other materials useful herein, include the following: vitamins and derivatives thereof (e.g. tocopherol, tocopherol acetate, **retinoic acid, retinol, retinoids**, and the like); polymers for aiding the film-forming properties and substantivity of the composition (such as a copolymer of eicosene. . .

DETD . . . 2.25  
(and) laureth-7.sup.2  
Dimethicone (and) dimethiconol.sup.3  
0.0 1.0  
Cetyl palmitate 0.0 1.0  
Isopropyl palmitate 0.0 1.0  
Cyclomethicone (and) dimethiconol.sup.4  
0.5 0.0  
Steareth-21 0.9 0.45  
Stearyl alcohol 0.8 1.5  
**Cetyl alcohol** 0.8 1.5  
Cyclomethicone (and) dimethicone copolyol.sup.5  
0.5 0.0  
Benzyl alcohol 0.5 0.5  
Methyl paraben 0.25 0.25  
Vitamin E acetate 0.2 0.5  
Propyl paraben 0.15 0.15  
Disodium. . .

DETD . . . and this zinc dispersion is then milled. Next, the remaining oil phase ingredients (cetyl palmitate, isopropyl palmitate, steareth-21, stearyl alcohol, **cetyl alcohol**, Dow Corning Q2-3225C, vitamin E acetate, propylparaben, and steareth-2) are mixed into the zinc dispersion.

CLM What is claimed is:

. . . A composition according to claim 5 wherein said hydrophobic structuring agent is selected from the group consisting of stearyl alcohol, **cetyl alcohol**, behenyl alcohol, **polyethylene glycol** ether of stearyl alcohol having an average of about 2 ethylene oxide units, and mixtures thereof.  
. . . A composition according to claim 3 wherein the hydrophobic structuring agent is selected from the group consisting of stearyl alcohol, **cetyl alcohol**, behenyl alcohol, **polyethylene glycol** ether of stearyl alcohol having an average of about 2 ethylene oxide units, and mixtures thereof.

IT 57-50-1D, Sucrose, allyl and cocoa derivs. 9003-01-4, Polyacrylic acid 9003-05-8, Polyacrylamide 9003-39-8, Poly(N-vinylpyrrolidone) **9005-00-9**, Steareth-21 25322-68-3, Polyethyleneglycol 26161-33-1, Polyquaternium 37 35429-19-7, Polyquaternium 32 (photoprotective formulations)

L16 ANSWER 134 OF 141 USPATFULL on STN  
ACCESSION NUMBER: 1998:54500 USPATFULL  
TITLE: Personal cleansing compositions  
INVENTOR(S): Fowler, Timothy John, Cincinnati, OH, United States  
McManus, Richard Loren, West Chester, OH, United States

PATENT ASSIGNEE(S): Deckner, George Endel, Cincinnati, OH, United States  
The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5753245		19980519
APPLICATION INFO.:	US 1997-802600		19970219 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-521287, filed on 29 Aug 1995 which is a continuation of Ser. No. US 1994-296565, filed on 26 Aug 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Spear, James M.		
LEGAL REPRESENTATIVE:	Henderson, Loretta J., Dabbieri, David K., Rasser, Jacobus C.		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1170		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . a C8-30 alkyl group. Examples of long chain alcohols from which the alkyl group can be derived include decyl alcohol, **cetyl alcohol**, stearyl alcohol, lauryl alcohol, myristyl alcohol, oleyl alcohol, and the like. Preferred examples of these surfactants include those wherein S. . .

SUMM . . . (preferably ethoxylated or propoxylated) thereof. Z preferably is a sugar moiety selected from the group consisting of glucose, fructose, maltose, **lactose**, galactose, mannose, xylose, and mixtures thereof. An especially preferred surfactant corresponding to the above structure is coconut alkyl N-methyl glucoside. . .

SUMM . . . the alkyl groups can also contain ether linkages, or hydroxy or amino group substituents (e.g., the alkyl groups can contain **polyethylene glycol** and polypropylene glycol moieties).

SUMM . . . having from about 10 to about 30 carbon atoms, nonlimiting examples of which include stearyl alcohol, isostearyl alcohol, behenyl alcohol, **cetyl alcohol**, isocetyl alcohol, and mixtures thereof. Examples of other suitable materials are disclosed in U.S. Pat. No. 4,919,934, to Deckner et. . .

SUMM Among the emollients preferred are those selected from the group consisting of mineral oil, petrolatum, cholesterol, dimethicone, dimethiconol, stearyl alcohol, **cetyl alcohol**, behenyl alcohol, diisopropyl adipate, isopropyl myristate, myristyl myristate, cetyl ricinoleate, sorbitan disteate, sorbitan dilaurate, sorbitan stearate, sorbitan laurate, sucrose laurate, sucrose dilaurate, sodium isostearyl lactylate, lauryl pidolate, sorbitan stearate, stearyl alcohol, **cetyl alcohol**, behenyl alcohol, PPG-14 butyl ether, PPG-15 stearyl ether, and mixtures thereof.

SUMM . . . useful herein that are well known to one of ordinary skill in the art include emulsifiers, solubilizing agents, sequestrants, keratolytics, **retinoids**, and the like.

SUMM . . . Ingredient Handbook, as well as other materials useful herein, include the following: vitamins and derivatives thereof (e.g tocopherol,

tocopherol acetate, **retinoic** acid, **retinol**,  
**retinoids**, and the like); sunscreens; agents; anti-oxidants;  
anti-microbial agents; preservatives; thickeners (e.g. crosslinked  
acrylic acid homopolymers such as the Carbomer series and the

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 9005-00-9 REGISTRY  
CN Poly(oxy-1,2-ethanediyl), .alpha.-octadecyl-.omega.-hydroxy- (9CI) (CA  
INDEX NAME)

OTHER CA INDEX NAMES:

CN Glycols, polyethylene, monooctadecyl ether (8CI)

OTHER NAMES:

CN 1-Octadecanol, monoether with polyethylene glycol

CN A 20

CN A 20 (Chinese surfactant)

CN Aduxol ST 05

CN Alkasurf SA 2

CN Atmer 502

CN Avivan SO 6

CN Berol 043

CN Berol 08

CN Brij 700

CN Brij 72

CN Brij 721

CN Brij 76

CN Brij 762

CN **Brij 78**

CN Brij 78P

CN BS 20

CN Cemulsol DB 25/18

CN CetaloX AT

CN Disponil O 55

CN Ekaline G 80

CN EM 1207

CN Emalex 603

CN Emalex 608

CN Emalex 611

CN Emalex 630

CN Emalex 640

CN Emalex GL 15

CN Emulgen 306P

CN Emulgen 310

CN Emulgen 320

CN Emulgen 320P

CN Emulgen 3299

CN ESK 1

CN ESK 1 (demulsifier)

CN Ethal SA 20

CN Ethospense CA 20

CN Ethoxylated octadecyl alcohol

CN Ethoxylated stearyl alcohol

CN G 3694POE

CN G 3710

CN G 3720

CN G 3720POE

CN Genapol S

CN Genapol S 020

CN Genapol S 100

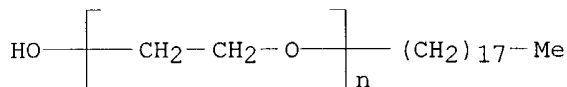
CN Genapol S 150

CN Heptaethylene glycol monooctadecyl ether

CN Hetoxol STA 10

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for

DISPLAY  
 DR 503027-88-1, 12679-67-3, 8013-79-4, 161622-43-1, 171286-87-6, 58339-87-0,  
 59890-16-3, 130419-63-5, 106707-02-2, 51109-88-7, 65489-62-5, 74749-69-2,  
 74749-72-7, 147827-15-4, 78690-64-9, 80700-13-6, 31798-99-9, 32127-87-0,  
 107120-43-4, 107120-44-5, 459409-05-3  
 MF (C2 H4 O)<sub>n</sub> C18 H38 O  
 CI PMS, COM  
 PCT Polyether  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, BIOTECHNO,  
 CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU,  
 EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PIRA, PROMT,  
 RTECS\*, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



2465 REFERENCES IN FILE CA (1907 TO DATE)  
 91 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 2469 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

L27 ANSWER 1 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:24329 USPATFULL  
TITLE: Mask composition containing emulsified liquid composition  
INVENTOR(S): Chen, Minghua, Higashinada-ku, JAPAN  
Miyamoto, Miwa, Higashinada-ku, JAPAN  
Chen, Yin-Jang, Suma-ku, JAPAN  
Trigg, David Leigh, Takarazuka, JAPAN  
Fu, Zi-Hua, Higashinada-ku, JAPAN  
PATENT ASSIGNEE(S): The Procter & Gamble Company (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004018166	A1	20040129
APPLICATION INFO.:	US 2003-622518	A1	20030718 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-397374P	20020719 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	876	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 50-81-7D, Ascorbic acid, derivs. 50-99-7D, D-Glucose, c16-18 glucose derivs. 57-50-1D, Sucrose, polycottonseedate derivs. 58-95-7, Tocopherol Acetate 81-13-0, Panthenol 98-92-0, Niacinamide 98-92-0D, Vitamin B3, derivs. 112-92-5, Stearyl alcohol 9003-05-8, Polyacrylamide 9004-99-3, PEG stearate 9005-00-9, Steareth-21 9005-64-5, Polysorbate 20 11138-66-2, Xanthan gum 36653-82-4, Cetyl alcohol 43119-47-7, Tocopherol Nicotinate 68171-33-5, Isopropyl isostearate 128808-26-4, Sodium Ascorbyl phosphate 129499-78-1 145687-02-1, Pemulen TR-2 148093-12-3, Sepigel 305  
(mask compn. contg. emulsified liq. compn.)

L27 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2003:237297 USPATFULL  
TITLE: Hair conditioning composition comprising a frizz control agent  
INVENTOR(S): Snyder, Michael Albert, Mason, OH, UNITED STATES  
Someya, Kazuyoshi, Nada-ku, JAPAN  
PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003165454	A1	20030904
APPLICATION INFO.:	US 2002-303505	A1	20021125 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2000-US14870, filed on 30 May 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		

LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY  
DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110  
CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2498

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . agarpectin, prophyran, carrageenen, fucoidan,  
glycosaminoglycan, hyaluronic acid, chondroitin, peptidoglycan,  
lipopolysaccharide, guar gum, starch, and starch derivatives;  
oligosaccharides such as sucrose, lactose, maltose, uronic  
acid, muramic acid, cellobiose, isomaltose, planteose, melezitose,  
gentianose, maltotriose, stachyose, glucoside and polyglucoside;  
monosaccharides such as glucose, fructose, . . .

SUMM . . . Confetti Dermal Essentials available from United-Guardian Inc.  
(NY, USA). Unisphere and Unicerin particles are made of  
microcrystalline

cellulose, hydroxypropyl cellulose, lactose, vitamins,  
pigments, and proteins. Upon use, the Unisphere and Unicerin particles  
can be disintegrated with very little shear on the. . .

SUMM . . . cetyl palmitate, stearyl stearate, myristyl myristate,  
polyoxyethylene cetyl ether stearate, polyoxyethylene stearyl ether  
stearate, polyoxyethylene lauryl ether stearate, ethyleneglycol  
monostearate, polyoxyethylenemonostearate,  
polyoxyethylene distearate, propyleneglycol monostearate,  
propyleneglycol distearate, trimethylolpropane distearate, sorbitan  
stearate, polyglyceryl stearate, glyceryl monostearate, glyceryl  
distearate, glyceryl tristearate, and mixtures. . .

IT 107-64-2, Varisoft tal00 115-77-5D, Pentaerythritol, esters  
25136-75-8, Polyquaternium 39 25322-68-3, Carbowax 200 25322-69-4,  
Polypropylene glycol 51852-65-4, Tagat s 62125-22-8, Kakpti  
68958-64-5, Tagat to 138789-85-2, (Pemulen TR-1) 158050-37-4,  
Dow Corning Q 2-1401 197969-51-0, Polyquaternium 47 205537-77-5, Dow  
corning 1403

(hair conditioning compn. comprising frizz control agent)

L27 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:60652 USPATFULL

TITLE: Leave-in hair cosmetic compositions for enhancing  
volume

INVENTOR(S): Midha, Sanjeev, Mason, OH, UNITED STATES  
Thomson, Shari Renee, Cincinnati, OH, UNITED STATES  
Snyder, Michael Albert, Kobe, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002034486	A1	20020321
APPLICATION INFO.:	US 2001-822704	A1	20010330 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US8760, filed on 31 Mar 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-231152P	20000908 (60)
	US 2001-261384P	20010112 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: DINSMORE & SHOHL, LLP, 1900 CHEMED CENTER, 255 EAST

FIFTH STREET, CINCINNATI, OH, 45202

NUMBER OF CLAIMS: 34  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2693

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . cetyl palmitate, stearyl stearate, myristyl myristate, polyoxyethylene cetyl ether stearate, polyoxyethylene stearyl ether stearate, polyoxyethylene lauryl ether stearate, ethyleneglycol monostearate, polyoxyethylenemonostearate, polyoxyethylene distearate, propyleneglycol monostearate, propyleneglycol distearate, trimethylolpropane distearate, sorbitan stearate, polyglyceryl stearate, glyceryl monostearate, glyceryl distearate, glyceryl tristearate, and mixtures. . .

SUMM . . . agarpectin, prophyran, carrageenen, fiucoidan, glycosaminoglycan, hyaluronic acid, chondroitin, peptidoglycan, lipopolysaccharide, guar gum, starch, and starch derivatives; oligosaccharides such as sucrose, lactose, maltose, uronic acid, muramic acid, cellobiose, isomaltose, planteose, melezitose, gentianose, maltotriose, stachyose, glucoside and polyglucoside; monosaccharides such as glucose, fructose,. . .

SUMM . . . Confetti Dermal Essentials available from United-Guardian Inc. (N.Y., USA). Unisphere.TM. and Unicerin.TM. particles are made of microcrystalline cellulose, hydroxypropyl cellulose, lactose, vitamins, pigments, and proteins. Upon use, the Unisphere.TM. and Unicerin.TM. particles can be disintegrated with very little shear on the. . .

IT 25086-89-9, Luviskol 73W 26124-25-4, Luviskol VAP343E 26161-33-1, Polyquaternium 37 80455-45-4 84992-23-4, Expancel 138789-85-2, Pemulen TR-1 145687-02-1, Pemulen TR-2 179606-61-2, Bentone MA 227605-22-3, Laponite XLS 257611-26-0, Unispheres YE-501 365459-45-6, Unispheres AGE-52  
(leave-in hair cosmetic compns. for enhancing vol.)

L27 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:21810 USPATFULL

TITLE: Leave-in hair cosmetic compositions for enhancing volume containing fluid-encapsulated, flexible microspheres

INVENTOR(S): Midha, Sanjeev, Mason, OH, UNITED STATES  
Thomson, Shari Renee, Cincinnati, OH, UNITED STATES  
Stella, Qing, Cincinnati, OH, UNITED STATES  
Snyder, Michael Albert, Higashinada, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002012645	A1	20020131
APPLICATION INFO.:	US 2001-821942	A1	20010330 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US8760, filed on 31 Mar 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-231154P	20000908 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DINSMORE & SHOHL, LLP, 1900 CHEMED CENTER, 255 EAST FIFTH STREET, CINCINNATI, OH, 45202	
NUMBER OF CLAIMS:	23	

EXEMPLARY CLAIM: 1  
LINE COUNT: 2496

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . cetyl palmitate, stearyl stearate, myristyl myristate, polyoxyethylene cetyl ether stearate, polyoxyethylene stearyl ether stearate, polyoxyethylene lauryl ether stearate, ethyleneglycol monostearate, polyoxyethylene monostearate, polyoxyethylene distearate, propyleneglycol monostearate, propyleneglycol distearate, trimethylolpropane distearate, sorbitan stearate, polyglyceryl stearate, glyceryl monostearate, glyceryl distearate, glyceryl tristearate, and mixtures. . .

SUMM . . . agarpectin, prophyran, carrageenen, fucoidan, glycosaminoglycan, hyaluronic acid, chondroitin, peptidoglycan, lipopolysaccharide, guar gum, starch, and starch derivatives; oligosaccharides such as sucrose, lactose, maltose, uronic acid, muramic acid, cellobiose, isomaltose, planteose, melezitose, gentianose, maltotriose, stachyose, glucoside and polyglucoside; monosaccharides such as glucose, fructose, . . .

SUMM . . . Confetti Dermal Essentials available from United-Guardian Inc. (NY, USA). Unisphere.TM. and Unicerin.TM. particles are made of microcrystalline cellulose, hydroxypropyl cellulose, lactose, vitamins, pigments, and proteins. Upon use, the Unisphere.TM. and Unicerin.TM. particles can be disintegrated with very little shear on the. . .

IT 541-02-6, DC345 13598-36-2D, Phosphonic acid, esters, polymers 25086-89-9, Luviskol 73W 25136-75-8, Merquat plus 3330 26124-25-4, Luviskol VAP343E 26161-33-1 30396-85-1, Expancel 091DE80 75760-37-1, Acrysol 22 138757-68-3, Carbopol 981 138789-85-2, Pemulen TR-1 145269-71-2, Natrosol plus CS 145687-02-1, Pemulen TR-2 195739-91-4, Carbopol ultrez 10 197969-51-0, Merquat 2001 205537-77-5, DC-1403 222171-02-0, Structure plus 473664-54-9, Salcare SC 96  
(leave-in hair cosmetic compns. for enhancing vol. contg. fluid-encapsulated, flexible microspheres, water-sol. or water-swallowable polymers, and aq. carriers)

L27 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:80470 CAPLUS

DOCUMENT NUMBER: 140:133411

TITLE: Mask composition containing emulsified liquid composition

INVENTOR(S): Chen, Minghua; Miyamoto, Miwa; Chen, Yin-jang; Trigg, David Leigh; Fu, Zi-hua

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 28 pp.

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W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, FR, GB, GD, GE, GH, GM, GR, GU, HK, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,			